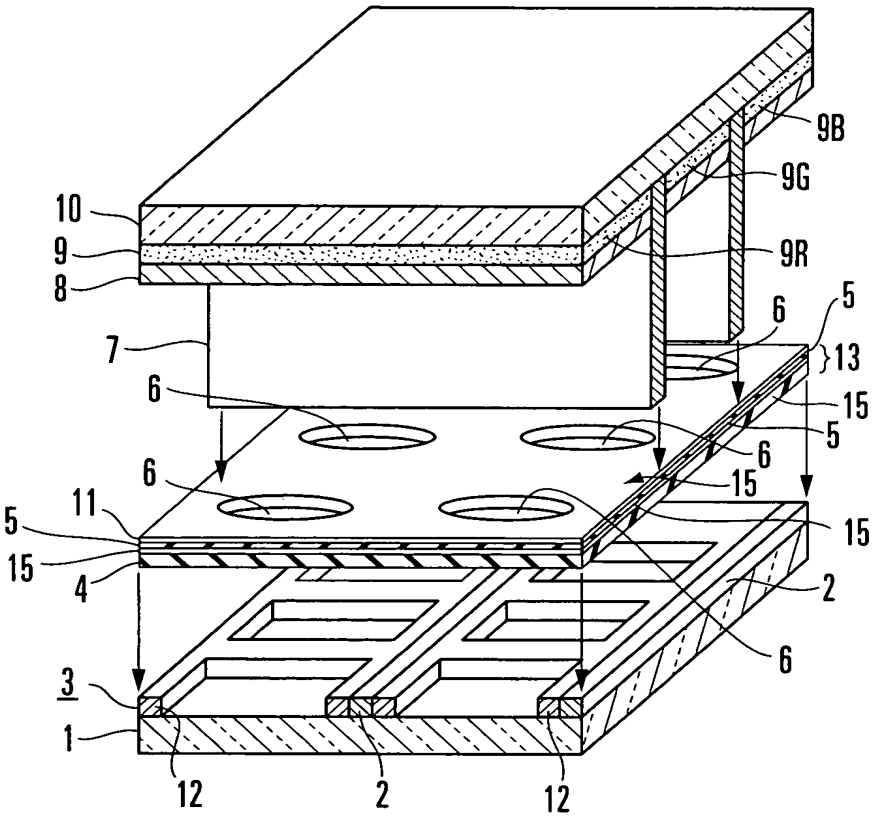
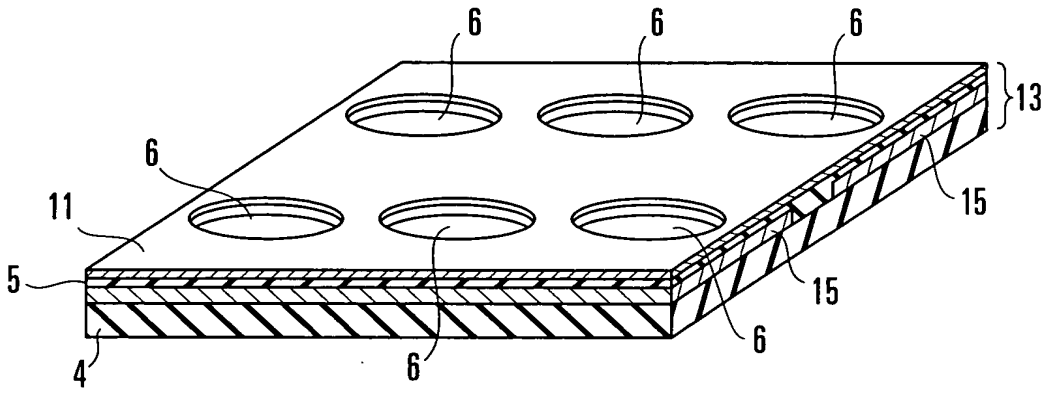


FIG. 1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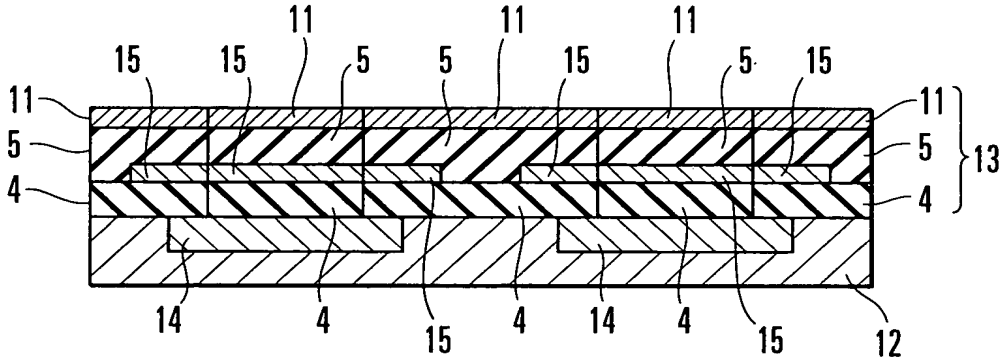
6
6
13
6
11
15
5
15
6
6
4

FIG.2A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5
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15
4
14
4
15
12

FIG.2B

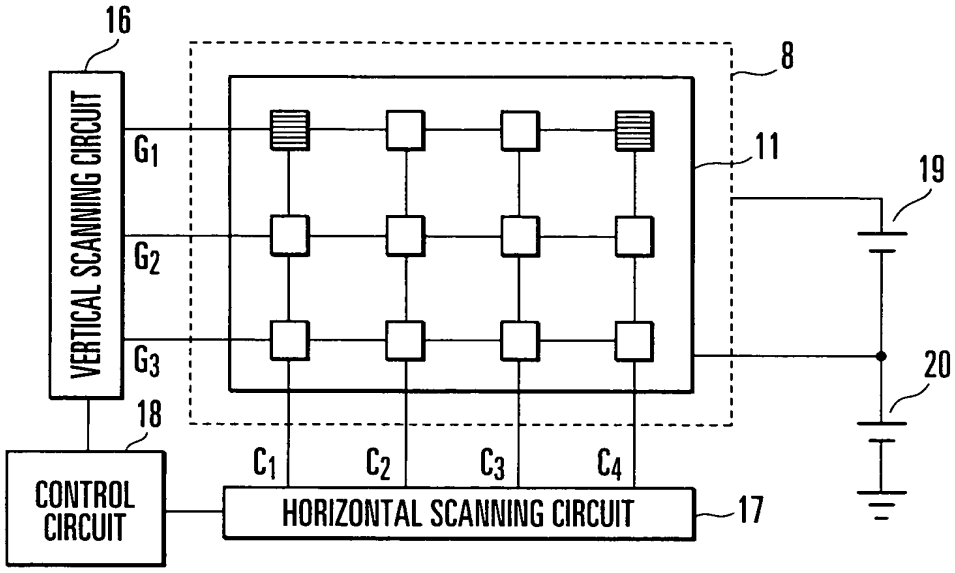
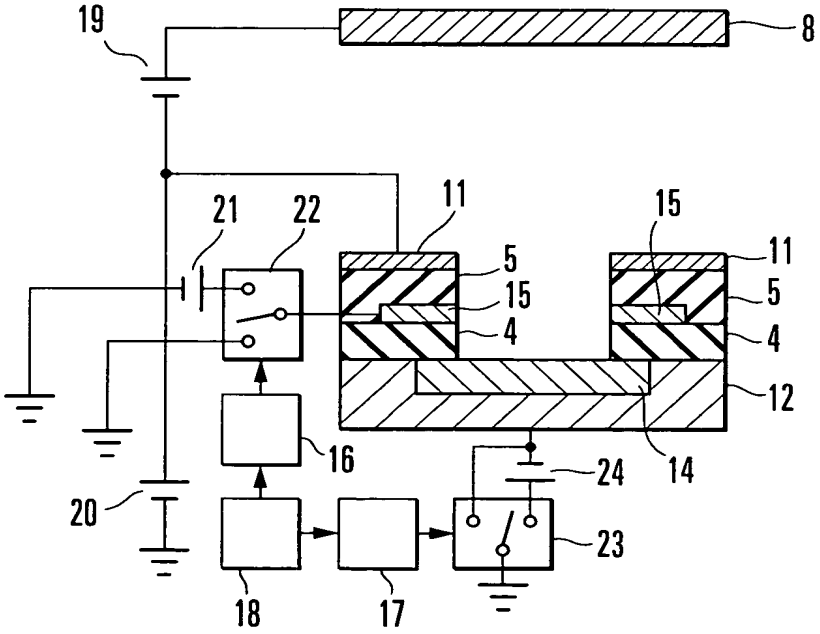

16
VERTICAL SCANNING CIRCUIT
G1
G2
G3
8
11
19
20
18
CONTROL CIRCUIT
C1
C2
C3
C4
HORIZONTAL SCANNING CIRCUIT
17

FIG. 3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12
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24
14
20
23
18
17

FIG. 4

FIG.5A

FIG.5B

FIG.5C

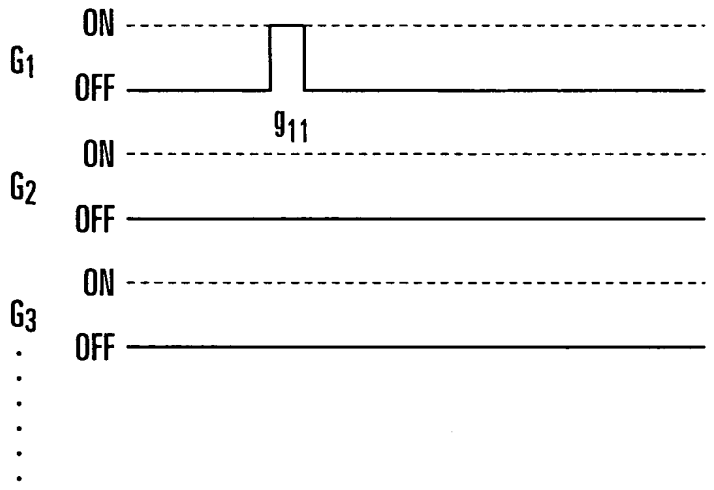
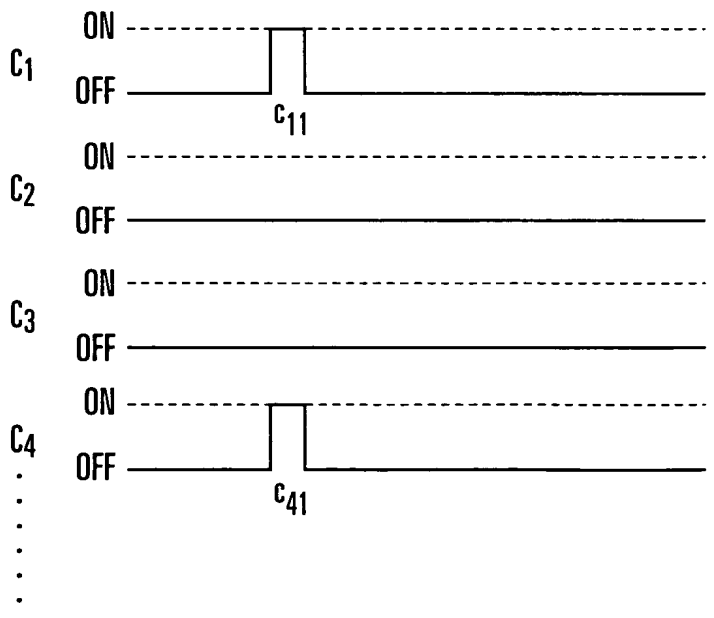


FIG.6A

FIG.6B

FIG.6C

FIG.6D



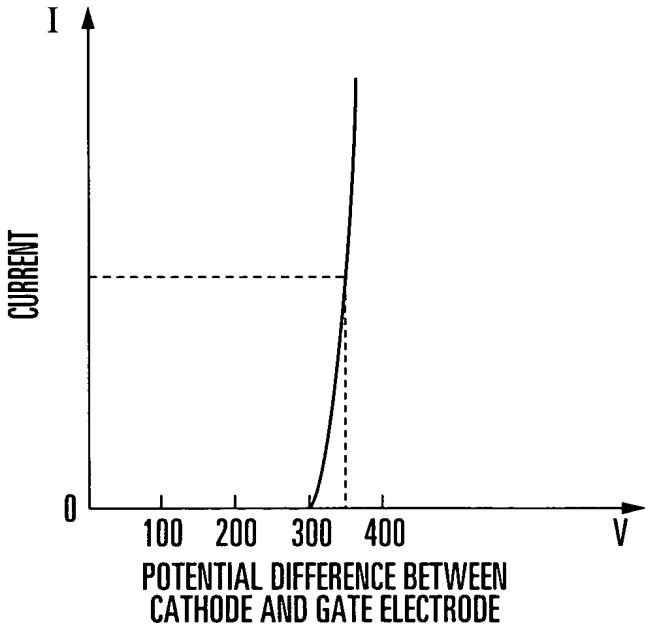

I
CURRENT
0
100
200
300
400
V
POTENTIAL DIFFERENCE BETWEEN
CATHODE AND GATE ELECTRODE

FIG.7A

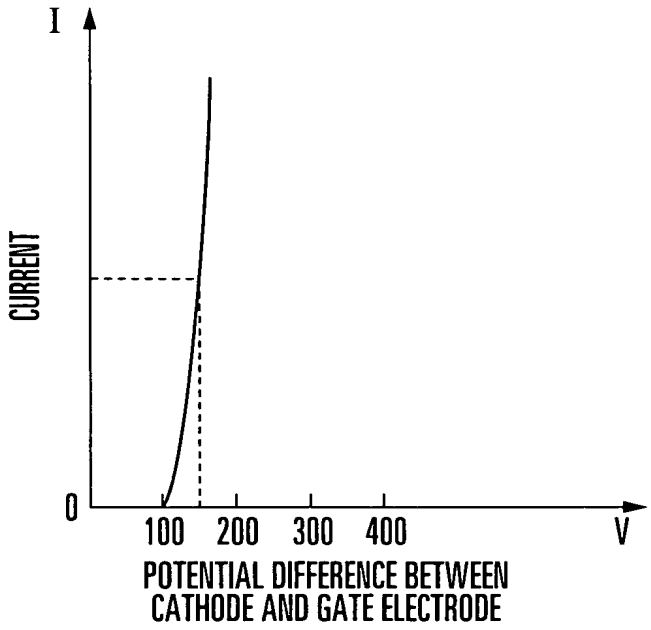

I
CURRENT
0
100
200
300
400
V
POTENTIAL DIFFERENCE BETWEEN
CATHODE AND GATE ELECTRODE

FIG.7B

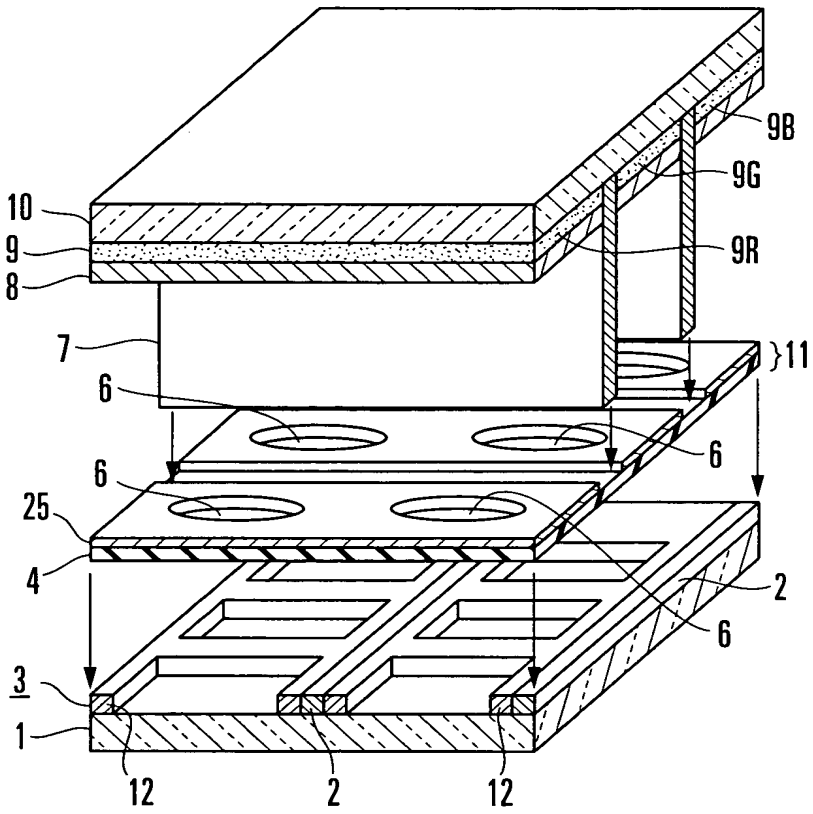


FIG. 8

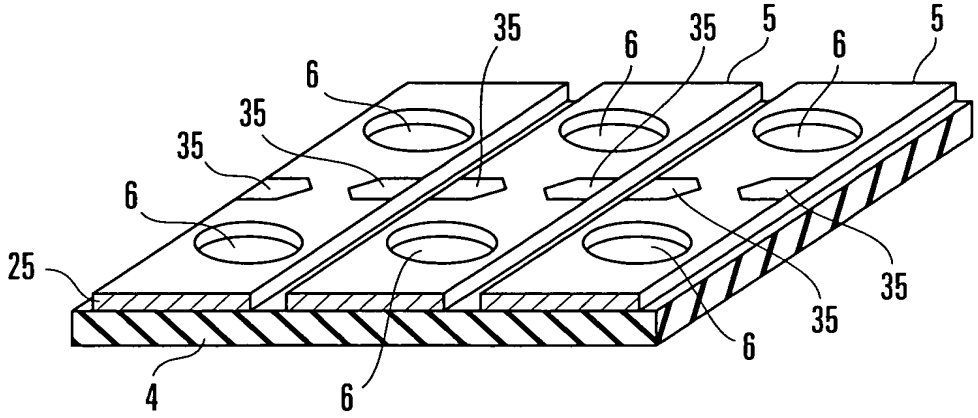


FIG.9A

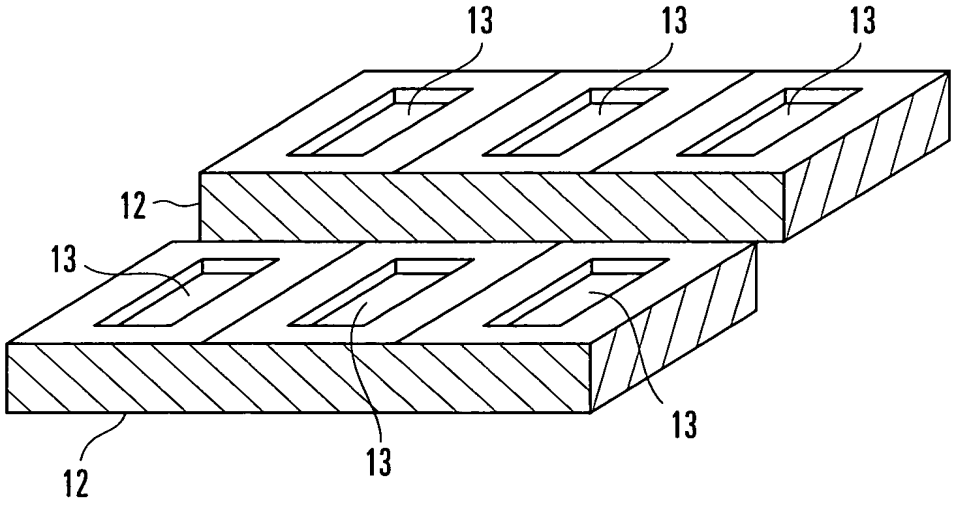


FIG.9B

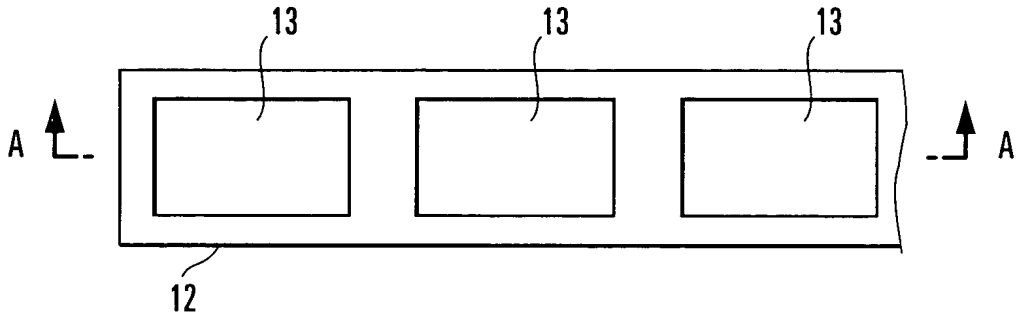


FIG. 10A

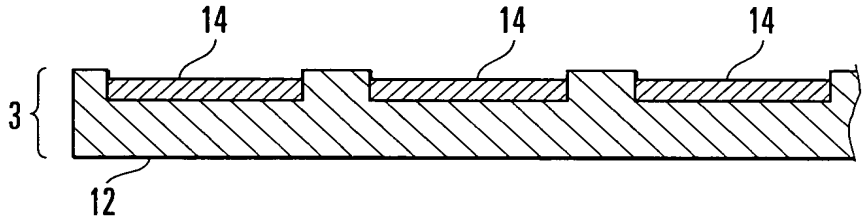


FIG. 10B

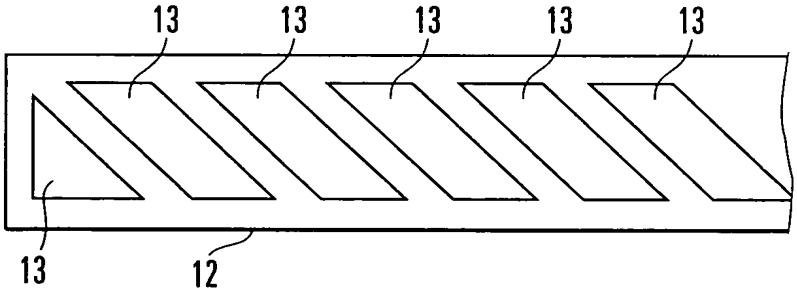


FIG. 10C

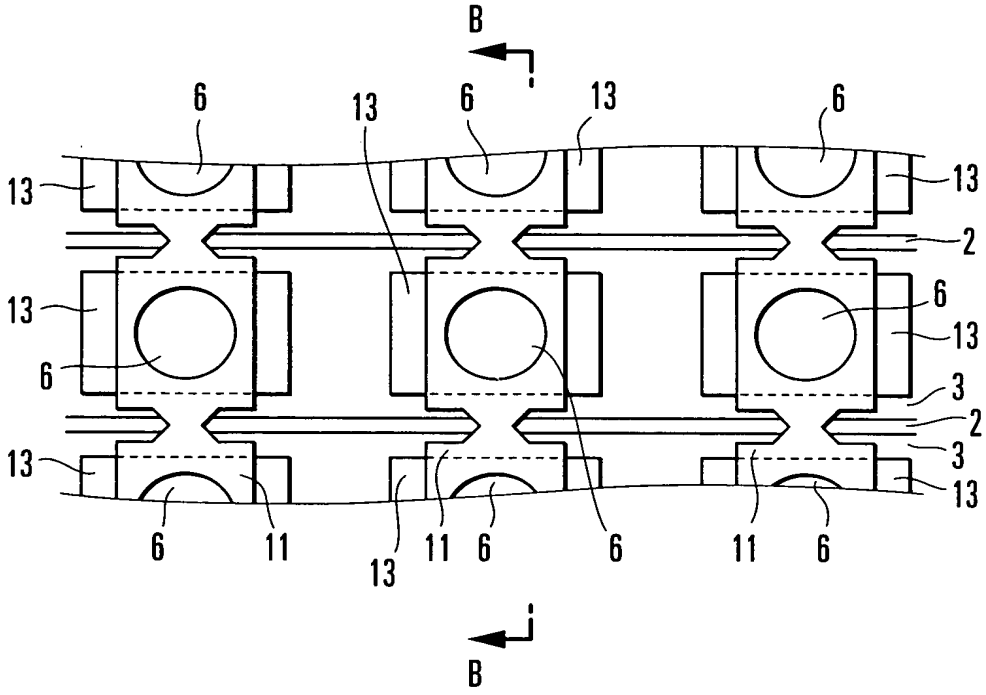


FIG. 11A

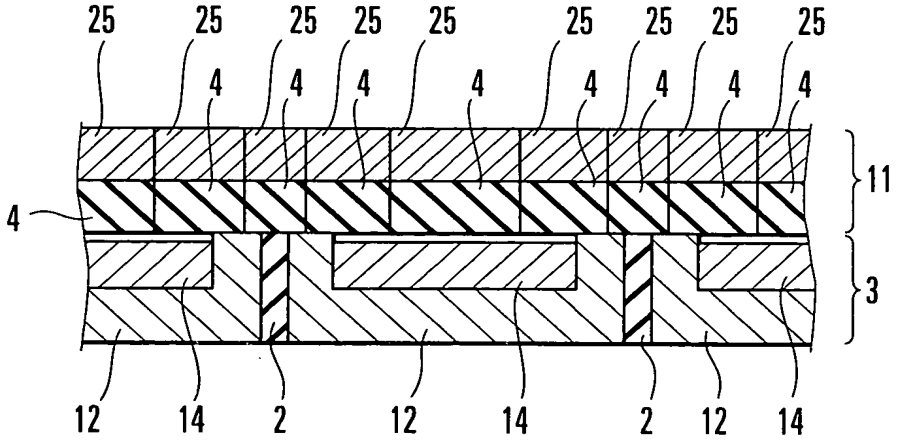


FIG. 11B

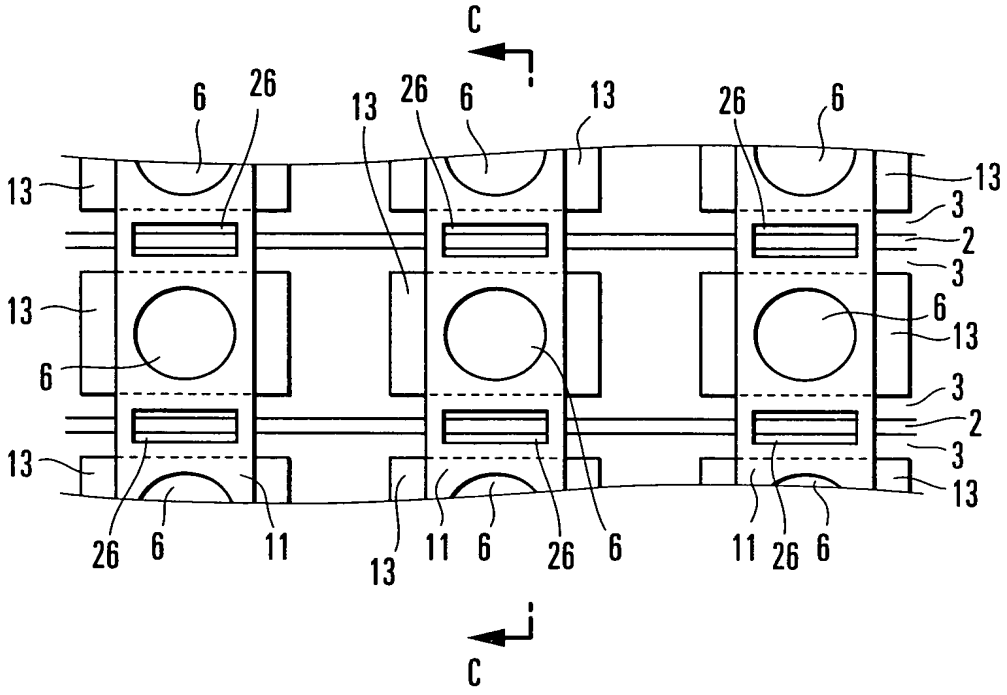


FIG. 12A

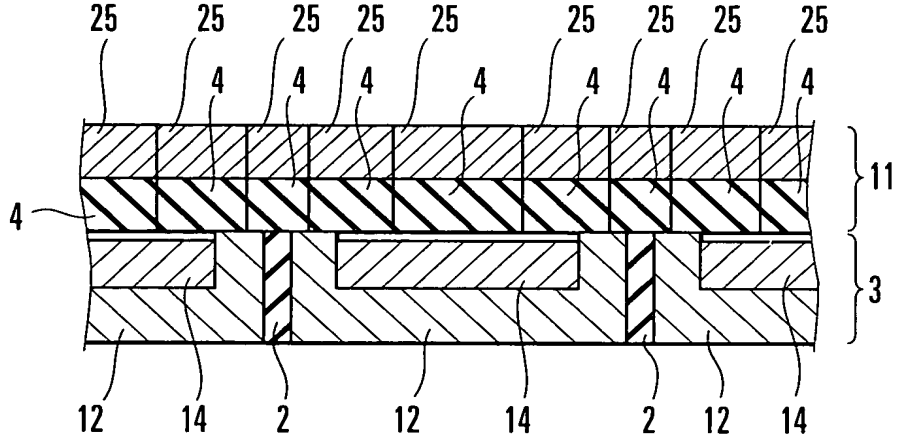


FIG. 12B

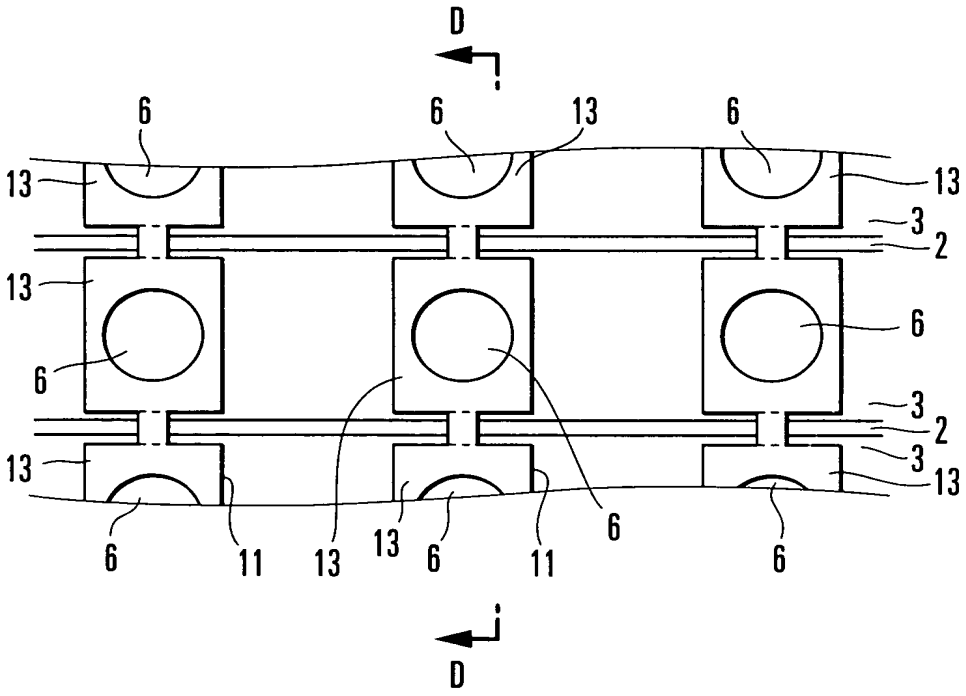


FIG. 13A

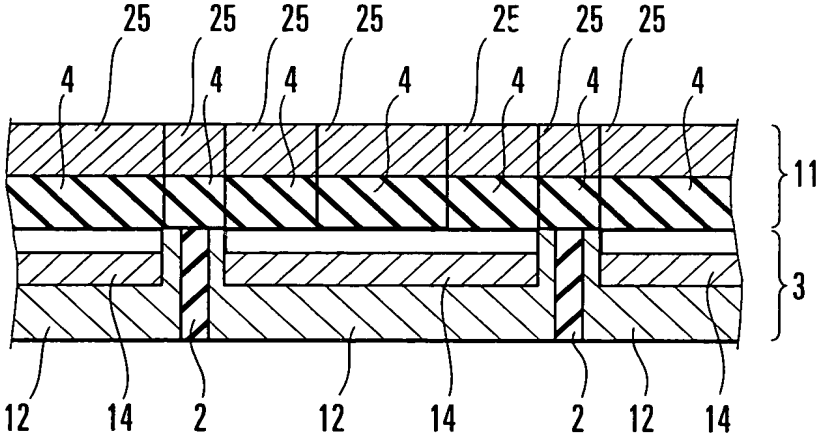


FIG. 13B

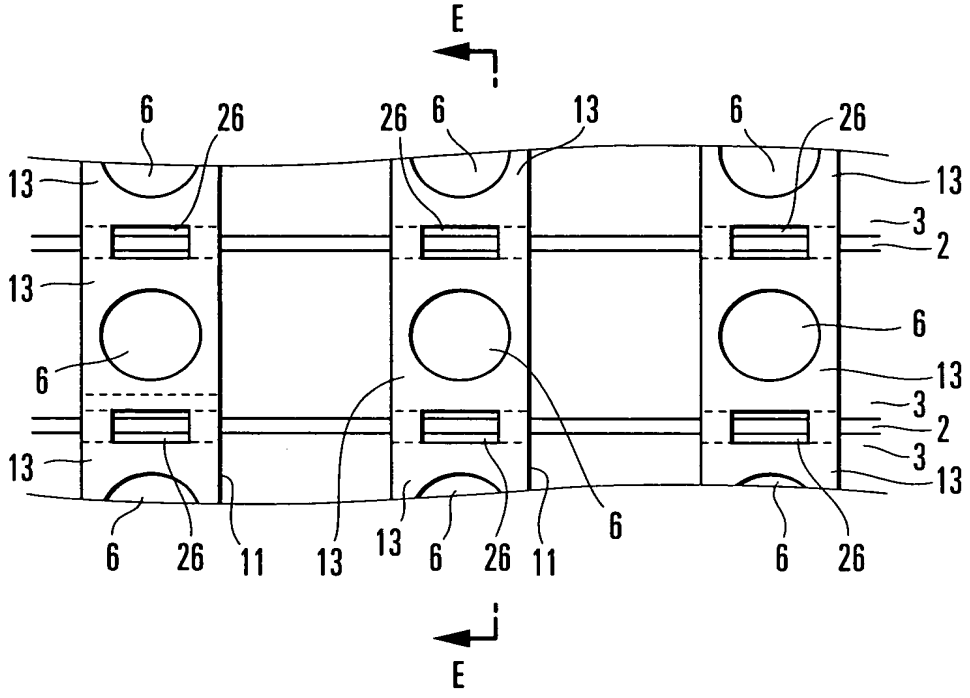


FIG. 14A

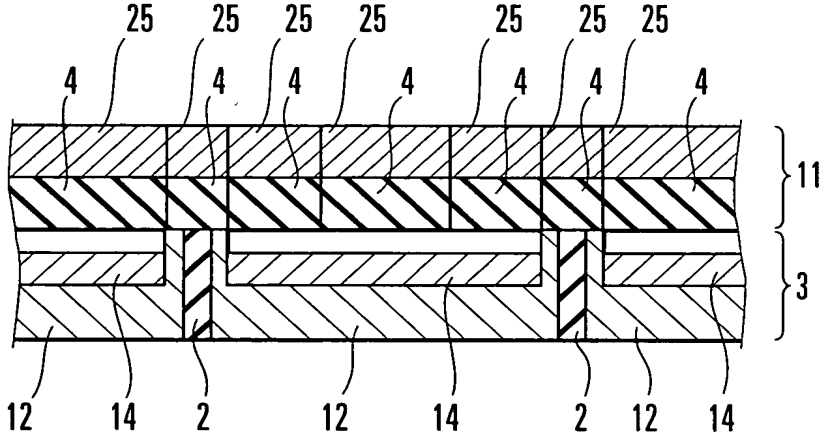


FIG. 14B

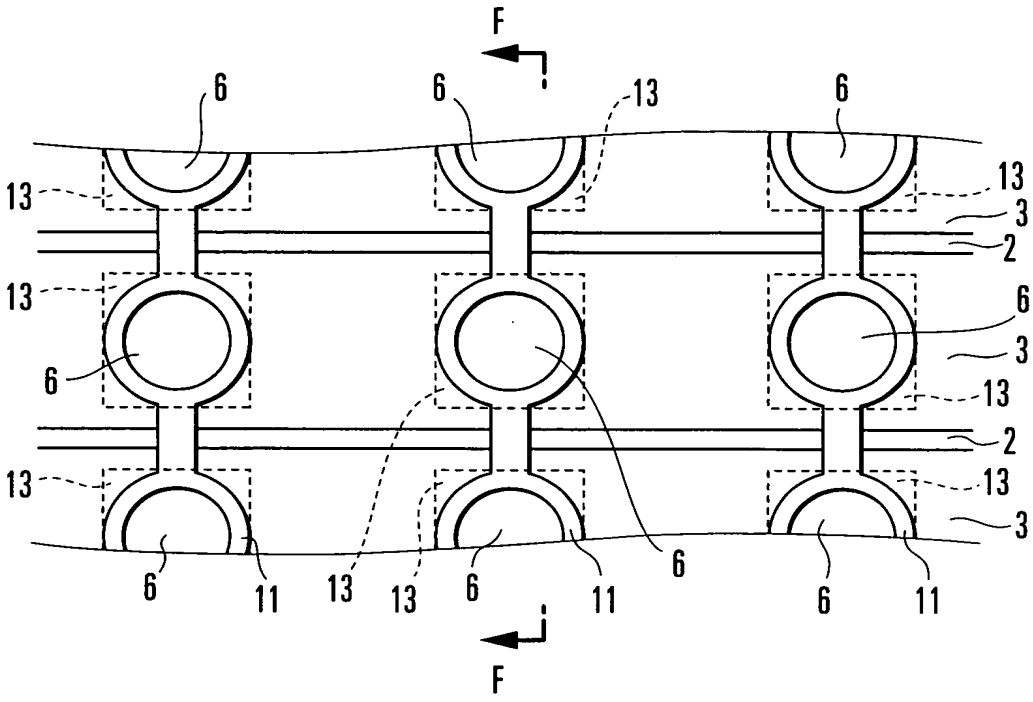


FIG. 15A

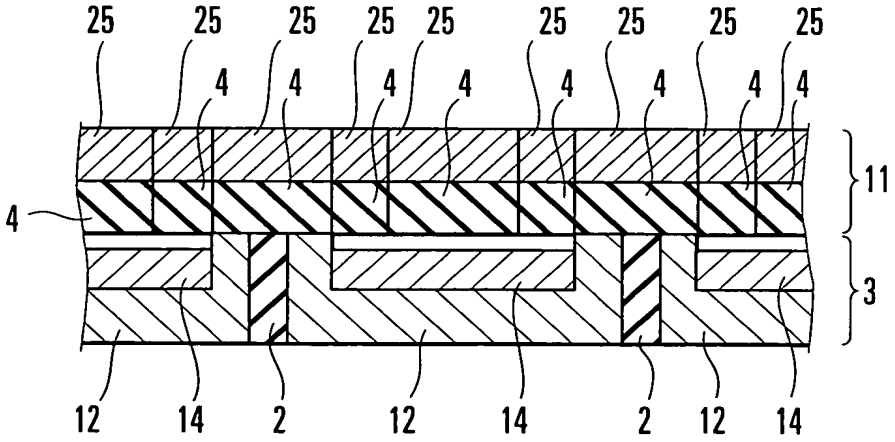


FIG. 15B

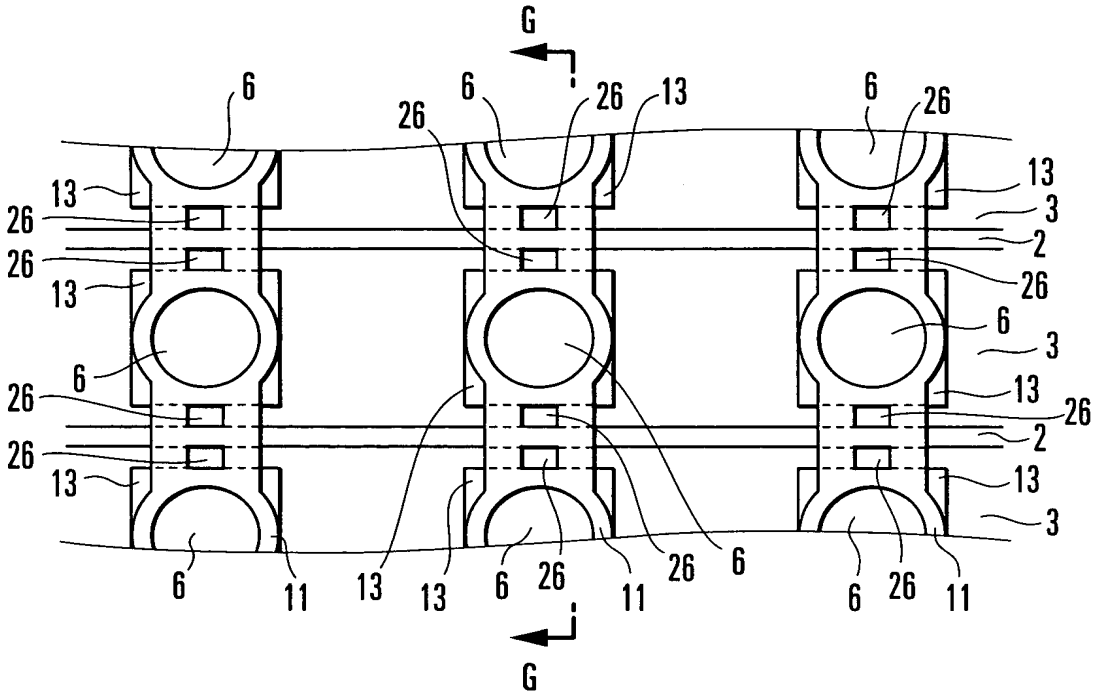


FIG. 16A

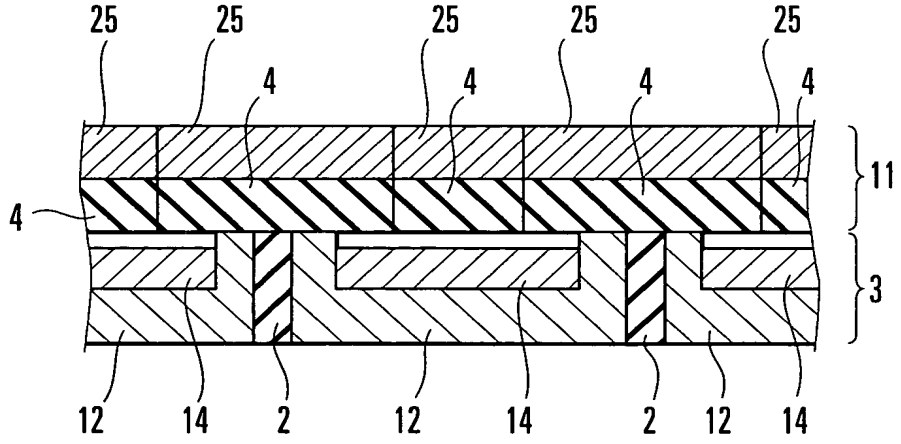


FIG. 16B

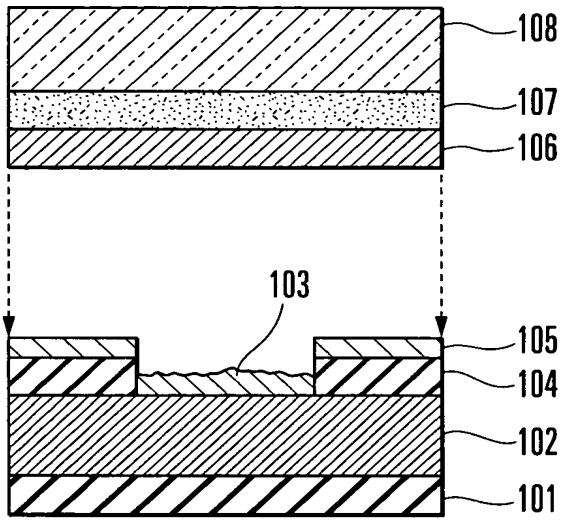


FIG. 17